10/815774

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=> d his

     (FILE 'HOME' ENTERED AT 13:12:37 ON 29 SEP 2006)

     INDEX 'ADISCTI, ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, ANTE, AQUALINE,
     AQUASCI, BIOENG, BIOSIS, BIOTECHABS, BIOTECHDS, BIOTECHNO, CABA, CAPLUS,
     CEABA-VTB, CIN, CONFSCI, CROPB, CROPU, DDFB, DDFU, DGENE, DISSABS, DRUGB,
     DRUGMONOG2, DRUGU, EMBAL, EMBASE, ...' ENTERED AT 13:12:53 ON 29 SEP 2006
               SEA DEAMIDASE
              ---------
                6   FILE AGRICOLA
                3   FILE ANABSTR
                1   FILE AQUASCI
                5   FILE BIOENG
              144   FILE BIOSIS
                5   FILE BIOTECHABS
                5   FILE BIOTECHDS
               24   FILE BIOTECHNO
               10   FILE CABA
              250   FILE CAPLUS
                3   FILE CONFSCI
               21   FILE DDFB
                8   FILE DDFU
               31   FILE DGENE
                7   FILE DISSABS
               21   FILE DRUGB
               11   FILE DRUGU
               70   FILE EMBASE
               24   FILE ESBIOBASE
                7   FILE FROSTI
                8   FILE FSTA
               20   FILE GENBANK
               10   FILE IFIPAT
                5   FILE JICST-EPLUS
               25   FILE LIFESCI
              204   FILE MEDLINE
                1   FILE NTIS
                2   FILE OCEAN
               34   FILE PASCAL
                1   FILE RDISCLOSURE
               79   FILE SCISEARCH
               62   FILE TOXCENTER
               93   FILE USPATFULL
                9   FILE USPAT2
               15   FILE WPIDS
               15   FILE WPINDEX
L1               QUE DEAMIDASE
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     FILE 'CAPLUS, MEDLINE, BIOSIS, SCISEARCH, EMBASE, TOXCENTER, PASCAL,
     LIFESCI, BIOTECHNO, ESBIOBASE' ENTERED AT 13:14:02 ON 29 SEP 2006
L2            64 S L1 AND PSEUDOMONAS
L3            29 DUP REM L2 (35 DUPLICATES REMOVED)
L4             4 S L3 AND (ISOLAT? OR PURIF?)
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=> d l4 ibib ab 1-4

L4 ANSWER 1 OF 4 CAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 1977:1529 CAPLUS
DOCUMENT NUMBER: 86:1529
TITLE: Purification and properties of L-glutamine-L-asparagine deamidase from Pseudomonas aurantiaca IBFM B 14
AUTHOR(S): Vinogradov, B. D.; Chigaleichik, A. G.; Rylkin, S. S.; Merkulov, M. F.
CORPORATE SOURCE: Inst. Biochem. Physiol. Microorg., Pushchino, USSR
SOURCE: Prikladnaya Biokhimiya i Mikrobiologiya (1976), 12(5), 704-8
CODEN: PBMIAK; ISSN: 0555-1099
DOCUMENT TYPE: Journal
LANGUAGE: Russian
AB A deamidase having activity towards L-asparagine and L-glutamine was purified from P. aurantiaca by heat treatment, gel filtration on Biogel P-150, and chromatog. on DEAE-cellulose. The glutaminase and asparaginase activities were not separated by these steps. The purifn. was 150-fold with respect to asparagine deamidase activity and 100-fold with respect to glutamine deamidase. The asparagine deamidase activity increased in the pH region 7.9, whereas glutamine deamidase was active in the pH range 5-8.5. The enzyme differed in specificity from the corresponding deamidases from Escherichia coli and is designated as an L-glutaminase-asparaginase-2.

L4 ANSWER 2 OF 4 CAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 1976:556387 CAPLUS
DOCUMENT NUMBER: 85:156387
TITLE: Regulation of asparaginase and glutaminase activity in a Pseudomonas fluorescens mutant unable to synthesize glutamic acid
AUTHOR(S): Zhukov, A. V.; Eremenko, V. V.; Nikolaev, A. Ya.
CORPORATE SOURCE: Lab. Enzimol., Moscow, USSR
SOURCE: Mikrobiologiya (1976), 45(4), 673-8
CODEN: MIKBA5; ISSN: 0026-3656
DOCUMENT TYPE: Journal
LANGUAGE: Russian
AB A mutant of P. fluorescens, AG-M49, has been isolated, which lacks the ability to synthesize glutamic acid. The mutant contains asparaginase A and asparaginase AG. The mutant was characterized by a considerably high activity of glutaminase and asparaginase, increasing with the rate flow, during its continuous cultivation on a medium with L-glutamate. L-glutamate penetrates the cells and induces formation of both deamidases in the mutant. In these conditions, the concentration of exocellular ammonia increases. Asparagine, but not glutamine, also stimulates production of the deamidases in the mutant.

L4 ANSWER 3 OF 4 CAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 1975:134631 CAPLUS
DOCUMENT NUMBER: 82:134631
TITLE: Purification of the deamidase AG (asparaginase-glutaminase) from Pseudomonas fluorescens AG and some physicochemical properties of the enzyme
AUTHOR(S): Mardashev, S. R.; Nikolaev, A. Ya.; Kovalenko, N. A.; Rakov, S. S.; Tsvetkova, T. A.
CORPORATE SOURCE: I. M. Sechenov I Med. Sch., Moscow, USSR
SOURCE: Voprosy Meditsinskoi Khimii (1975), 21(1), 29-35
CODEN: VMDKAM; ISSN: 0042-8809
DOCUMENT TYPE: Journal

LANGUAGE: Russian

AB The deamidase of asparagine and glutamine (I) was prepared from an Me2CO powder of P. fluorescens in a crystalline, apparently homogenous state. The resolution of I and asparagine deamidase (II) was achieved by salt fractionation at pH 8.0, II being precipitated at 48% saturation (NH4)2SO4 and I at 48-74% saturation Further purifn. was achieved by DEAE-cellulose chromatog. The mol. weight of I was determined by polyacrylamide gel electrophoresis as 128,000 daltons; the sedimentation coefficient was 7.36 S. The enzyme showed the highest activity toward asparagine at pH 8.0-9.0 and toward glutamine at pH 5.5-7.5.

L4 ANSWER 4 OF 4 EMBASE COPYRIGHT (c) 2006 Elsevier B.V. All rights reserved on STN

ACCESSION NUMBER: 78173126 EMBASE
DOCUMENT NUMBER: 1978173126
TITLE: Purification and properties of L glutamine and L asparagine deamidase from Pseudomonas aurantiaca IBPM V 14.
AUTHOR: Vinogradov B.D.; Chigaleichik A.G.; Rylkin S.S.; Merkulov M.F.
CORPORATE SOURCE: Inst. Biochem. Physiol. Microorganisms, Acad. Sci. USSR, Pushchino, Russia
SOURCE: APPL.BIOCHEM.MICROBIOL., (1976) Vol. 12, No. 5, pp. 565-568. .
CODEN: APBMAC
COUNTRY: United States
DOCUMENT TYPE: Journal
FILE SEGMENT: 004 Microbiology
029 Clinical Biochemistry
LANGUAGE: English

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All Databases PubMed Nucleotide Protein Genome Structure OMIM PMC Journals Book
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Display AbstractPlus Show 20 Sort by Send to
All: 1 Review: 0

1: Vopr Med Khim. 1975 Jan-Feb;21(1):29-35.

Links

# [Purification of deamidase AG (asparaginase-glutaminase) from Pseudomonas fluorescens AG and some physicochemical properties of the enzyme]

[Article in Russian]

**Mardashev SR, Nikolaev AIa, Kovalenko NA, Rakov SS, Tsvetkova TA.**

Deamidase AG (asparaginase-glutaminase) was obtained from Pseudomonas fluorescens in a crystalline apparently homogenous state. Molecular weight of the enzyme, determined by acrylamide gel electrophoresis, was equal to 128 000 daltons; by ultracentrifugation (56100 rev/min, 65 min, 20.5 degrees C) coefficient of sedimentation was shown to be 7.36 S. Optimal pH for asparaginase activity of the enzyme was at pH 8.0-9.0, for glutaminase activity--at pH 5.5-7.5.

PMID: 804211 [PubMed - indexed for MEDLINE]

**Related Links**

[Substrate specificity, inhibitors and kinetics of deamidase AG (asparaginase-glutaminase) from Pseudomonas fluorescens AG] [Vopr Med Khim. 1977]

[Isolation and properties of a homogeneous L-asparaginase preparation from Pseudomonas fluorescens AG] [Biokhimiia. 1975]

[Regulation of asparaginase and glutaminase activity in Pseudomonas fluorescens mutants lacking in the ability to synthesize glutaminase A] [Mikrobiologiia. 1976]

Purification and physicochemical properties of L-glutaminase from Pseudomonas [Biochim Biophys Acta. 1972]

[Asparaginase and glutaminase activity in Pseudomonas fluorescens in continuous culti[Mikrobiologiia. 1975]

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Sep 25 2006 08:46:41

# Refine Search

**Search Results -**

| Term | Documents |
|---|---|
| PROTEIN | 453657 |
| PROTEINS | 297482 |
| (2 SAME PROTEIN).PGPB,USPT,USOC,EPAB,JPAB,DWPI. | 82 |
| (L2 SAME PROTEIN ).PGPB,USPT,USOC,EPAB,JPAB,DWPI. | 82 |

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US Patents Full-Text Database
US OCR Full-Text Database
EPO Abstracts Database
JPO Abstracts Database
Derwent World Patents Index
IBM Technical Disclosure Bulletins

**Search:** L3

Refine Search | Recall Text | Clear | Interrupt

**Search History**

**DATE: Friday, September 29, 2006** **Purge Queries** Printable Copy Create Case

| Set Name side by side | Query | Hit Count | Set Name result set |
|---|---|---|---|
| *DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI; PLUR=YES; OP=ADJ* | | | |
| L3 | L2 same protein | 82 | L3 |
| L2 | deamidase | 121 | L2 |
| L1 | protein deamidase | 9 | L1 |

END OF SEARCH HISTORY

# Hit List

First Hit | Clear | Generate Collection | Print | Fwd Refs | Bkwd Refs | Generate OACS

**Search Results** - Record(s) 51 through 82 of 82 returned.

☒ 51. Document ID: US 6800484 B2

L3: Entry 51 of 82 File: USPT Oct 5, 2004

US-PAT-NO: 6800484
DOCUMENT-IDENTIFIER: US 6800484 B2

TITLE: High efficiency transfection based on low electric field strength, long pulse length

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De

☒ 52. Document ID: US 6759385 B1

L3: Entry 52 of 82 File: USPT Jul 6, 2004

US-PAT-NO: 6759385
DOCUMENT-IDENTIFIER: US 6759385 B1
** See image for Certificate of Correction **

TITLE: Methods to treat undesirable immune responses

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De

☒ 53. Document ID: US 6756221 B1

L3: Entry 53 of 82 File: USPT Jun 29, 2004

US-PAT-NO: 6756221
DOCUMENT-IDENTIFIER: US 6756221 B1

TITLE: Protein-deamidating enzyme, microorganism producing the same, gene encoding the same, production process therefor, and use thereof

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De

☐ 54. Document ID: US 6624149 B2

L3: Entry 54 of 82 File: USPT Sep 23, 2003

US-PAT-NO: 6624149
DOCUMENT-IDENTIFIER: US 6624149 B2

TITLE: Method for nucleic acid transfection of cells

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De

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☐ 55. Document ID: US 6566342 B2

L3: Entry 55 of 82 File: USPT May 20, 2003

US-PAT-NO: 6566342
DOCUMENT-IDENTIFIER: US 6566342 B2

TITLE: Gene therapy by secretory gland expression

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De

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☐ 56. Document ID: US 6566073 B1

L3: Entry 56 of 82 File: USPT May 20, 2003

US-PAT-NO: 6566073
DOCUMENT-IDENTIFIER: US 6566073 B1

TITLE: Materials and methods involving conditional retention domains

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De

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☐ 57. Document ID: US 6531455 B1

L3: Entry 57 of 82 File: USPT Mar 11, 2003

US-PAT-NO: 6531455
DOCUMENT-IDENTIFIER: US 6531455 B1

TITLE: Delivery of polynucleotides by secretory gland expression

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De

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☐ 58. Document ID: US 6379913 B1

L3: Entry 58 of 82 File: USPT Apr 30, 2002

US-PAT-NO: 6379913
DOCUMENT-IDENTIFIER: US 6379913 B1

TITLE: Human serine carboxypeptidase

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De

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☒ 59. Document ID: US 6372722 B1

L3: Entry 59 of 82 File: USPT Apr 16, 2002

US-PAT-NO: 6372722
DOCUMENT-IDENTIFIER: US 6372722 B1

TITLE: Method for nucleic acid transfection of cells

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De

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☒ 60. Document ID: US 6369210 B1

L3: Entry 60 of 82 File: USPT Apr 9, 2002

US-PAT-NO: 6369210
DOCUMENT-IDENTIFIER: US 6369210 B1
**** See image for Certificate of Correction ****

TITLE: 22012, human carboxypeptidase

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De

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☐ 61. Document ID: US 6258789 B1

L3: Entry 61 of 82 File: USPT Jul 10, 2001

US-PAT-NO: 6258789
DOCUMENT-IDENTIFIER: US 6258789 B1

TITLE: Delivery of gene products by intestinal cell expression

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De

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☒ 62. Document ID: US 6255289 B1

L3: Entry 62 of 82 File: USPT Jul 3, 2001

US-PAT-NO: 6255289
DOCUMENT-IDENTIFIER: US 6255289 B1

TITLE: Gene delivery by secretory gland expression

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De

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☐ 63. Document ID: US 6251651 B1

L3: Entry 63 of 82 File: USPT Jun 26, 2001

US-PAT-NO: 6251651

DOCUMENT-IDENTIFIER: US 6251651 B1

TITLE: Protein-deamidating enzyme, gene encoding the same, production process therefor, and use thereof

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De

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☐ 64. Document ID: US 6225290 B1

L3: Entry 64 of 82 File: USPT May 1, 2001

US-PAT-NO: 6225290
DOCUMENT-IDENTIFIER: US 6225290 B1
**** See image for Certificate of Correction ****

TITLE: Systemic gene therapy by intestinal cell transformation

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De

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☐ 65. Document ID: US 6004944 A

L3: Entry 65 of 82 File: USPT Dec 21, 1999

US-PAT-NO: 6004944
DOCUMENT-IDENTIFIER: US 6004944 A

TITLE: Protein delivery by secretory gland expression

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De

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☐ 66. Document ID: US 5925521 A

L3: Entry 66 of 82 File: USPT Jul 20, 1999

US-PAT-NO: 5925521
DOCUMENT-IDENTIFIER: US 5925521 A

TITLE: Human serine carboxypeptidase

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De

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☐ 67. Document ID: US 5885971 A

L3: Entry 67 of 82 File: USPT Mar 23, 1999

US-PAT-NO: 5885971
DOCUMENT-IDENTIFIER: US 5885971 A

TITLE: Gene therapy by secretory gland expression

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De

68. Document ID: US 5837693 A

L3: Entry 68 of 82 File: USPT Nov 17, 1998

US-PAT-NO: 5837693
DOCUMENT-IDENTIFIER: US 5837693 A

TITLE: Intravenous hormone polypeptide delivery by salivary gland expression

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De

69. Document ID: US 5766897 A

L3: Entry 69 of 82 File: USPT Jun 16, 1998

US-PAT-NO: 5766897
DOCUMENT-IDENTIFIER: US 5766897 A
** See image for Certificate of Correction **

TITLE: Cysteine-pegylated proteins

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De

70. Document ID: US 5580747 A

L3: Entry 70 of 82 File: USPT Dec 3, 1996

US-PAT-NO: 5580747
DOCUMENT-IDENTIFIER: US 5580747 A

TITLE: Non-radioactive enzyme assay

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De

71. Document ID: US 5035904 A

L3: Entry 71 of 82 File: USPT Jul 30, 1991

US-PAT-NO: 5035904
DOCUMENT-IDENTIFIER: US 5035904 A
** See image for Certificate of Correction **

TITLE: Starch-based products for microwave cooking or heating

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De

☐ 72. Document ID: JP 2005052158 A

L3: Entry 72 of 82 File: JPAB Mar 3, 2005

PUB-NO: JP02005052158A
DOCUMENT-IDENTIFIER: JP 2005052158 A
TITLE: NEW PROTEIN DEAMIDASE, MICROORGANISM PRODUCING THE SAME, GENE ENCODING THE SAME, METHOD FOR PRODUCING THE SAME, AND ITS USE

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De

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☐ 73. Document ID: JP 2001218590 A

L3: Entry 73 of 82 File: JPAB Aug 14, 2001

PUB-NO: JP02001218590A
DOCUMENT-IDENTIFIER: JP 2001218590 A
TITLE: NEW PROTEIN DEAMIDASE, MICROORGANISM PRODUCING THE SAME, GENE ENCODING THE SAME, METHOD FOR PRODUCING THE SAME, AND ITS USE

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De

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☐ 74. Document ID: JP 2000050887 A

L3: Entry 74 of 82 File: JPAB Feb 22, 2000

PUB-NO: JP02000050887A
DOCUMENT-IDENTIFIER: JP 2000050887 A
TITLE: NEW PROTEIN DEAMIDASE, GENE ENCODING THE SAME, ITS PRODUCTION AND USE

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De

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☐ 75. Document ID: JP 11075835 A

L3: Entry 75 of 82 File: JPAB Mar 23, 1999

PUB-NO: JP411075835A
DOCUMENT-IDENTIFIER: JP 11075835 A
TITLE: DEAMIDASE AND MEASUREMENT OF THE SAME

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De

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☐ 76. Document ID: WO 2006075772 A1

L3: Entry 76 of 82 File: EPAB Jul 20, 2006

PUB-NO: WO2006075772A1
DOCUMENT-IDENTIFIER: WO 2006075772 A1
TITLE: DAIRY PRODUCT AND PROCESS FOR PRODUCTION THEREOF

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De

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☐ 77. Document ID: WO 2006075771 A1

L3: Entry 77 of 82 File: EPAB Jul 20, 2006

PUB-NO: WO2006075771A1
DOCUMENT-IDENTIFIER: WO 2006075771 A1
TITLE: PROCESSED MEAT PRODUCT OR FISH PASTE PRODUCT AND PROCESS FOR PRODUCING THE SAME

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De

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☐ 78. Document ID: WO 2006075772 A1

L3: Entry 78 of 82 File: DWPI Jul 20, 2006

DERWENT-ACC-NO: 2006-539061
DERWENT-WEEK: 200655
COPYRIGHT 2006 DERWENT INFORMATION LTD

TITLE: Manufacture of dairy product, such as cheese, involves adding protein deamidase to raw material milk, and acting enzyme on milk protein contained in raw milk

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De

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☐ 79. Document ID: WO 2006075771 A1

L3: Entry 79 of 82 File: DWPI Jul 20, 2006

DERWENT-ACC-NO: 2006-539060
DERWENT-WEEK: 200655
COPYRIGHT 2006 DERWENT INFORMATION LTD

TITLE: Manufacture of processed meat products or fishery paste, involves adding protein deamidase to foodstuff containing muscular protein to act on the muscular protein

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De

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☐ 80. Document ID: JP 2003250460 A

L3: Entry 80 of 82 File: DWPI Sep 9, 2003

DERWENT-ACC-NO: 2003-847950
DERWENT-WEEK: 200379
COPYRIGHT 2006 DERWENT INFORMATION LTD

TITLE: Functional modification of milk protein useful in foodstuffs involving

allowing deamidase enzyme to act directly on proteinic amide group without breaking peptide bond and the proteinic cross-linking an milk protein

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De

☐ 81. Document ID: US 7008653 B2, WO 200268671 A1, EP 1371734 A1, US 20040091575 A1, AU 2002233731 A1, JP 2002568765 X, CN 1543507 A

L3: Entry 81 of 82 File: DWPI Mar 7, 2006

DERWENT-ACC-NO: 2002-698676
DERWENT-WEEK: 200618
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TITLE: Enzymatic method for deamidation of milk proteins, useful for producing denatured milk proteins with superior properties

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De

☐ 82. Document ID: WO 9800029 A1, DE 69707881 E, AU 9731669 A, EP 912100 A1, CN 1223551 A, JP 2000513231 W, EP 912100 B1

L3: Entry 82 of 82 File: DWPI Jan 8, 1998

DERWENT-ACC-NO: 1998-086666
DERWENT-WEEK: 200203
COPYRIGHT 2006 DERWENT INFORMATION LTD

TITLE: Bread- or dough-improving composition containing deamidase - useful in preparation of white bread, white layer cake, cookies, biscuits, pie shells and pie crusts having improved texture, volume, flavour and freshness

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De

Clear | Generate Collection | Print | Fwd Refs | Bkwd Refs | Generate OACS

| Term | Documents |
|---|---|
| PROTEIN | 453657 |
| PROTEINS | 297482 |
| (2 SAME PROTEIN).PGPB,USPT,USOC,EPAB,JPAB,DWPI. | 82 |
| (L2 SAME PROTEIN ).PGPB,USPT,USOC,EPAB,JPAB,DWPI. | 82 |

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# Hit List

First Hit | Clear | Generate Collection | Print | Fwd Refs | Bkwd Refs | Generate OACS

**Search Results** - Record(s) 1 through 50 of 82 returned.

1. Document ID: US 20060205034 A1

L3: Entry 1 of 82 File: PGPB Sep 14, 2006

PGPUB-DOCUMENT-NUMBER: 20060205034
PGPUB-FILING-TYPE:
DOCUMENT-IDENTIFIER: US 20060205034 A1

TITLE: Novel genes encoding proteins having prognostic, diagnostic, preventive, therapeutic, and other uses

PUBLICATION-DATE: September 14, 2006

INVENTOR-INFORMATION:

| NAME | CITY | STATE | COUNTRY |
|---|---|---|---|
| Fraser; Christopher C. | Lexington | MA | US |
| McCarthy; Sean Anthony | San Diego | CA | US |
| Sharp; John D. | Arlington | MA | US |
| Barnes; Thomas M. | Brookline | MA | US |
| Wrighton; Nicholas C. | Winchester | MA | US |
| Mackay; Charles R. | Vaucluse | CA | AU |
| Leiby; Kevin R. | San Francisco | WA | US |
| Holtzman; Douglas A. | Seattle | | US |

US-CL-CURRENT: 435/69.1; 435/320.1, 435/325, 530/350, 530/388.22, 536/23.5

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De

2. Document ID: US 20060148009 A1

L3: Entry 2 of 82 File: PGPB Jul 6, 2006

PGPUB-DOCUMENT-NUMBER: 20060148009
PGPUB-FILING-TYPE:
DOCUMENT-IDENTIFIER: US 20060148009 A1

TITLE: Prediction and assessment of immunogenicity

PUBLICATION-DATE: July 6, 2006

INVENTOR-INFORMATION:

| NAME | CITY | STATE | COUNTRY |
|---|---|---|---|

| | | | |
|---|---|---|---|
| Barbosa; Maria D.F.S. | San Dimas | CA | US |
| Chirino; Arthur J. | Camarillo | CA | US |

US-CL-CURRENT: 435/7.21

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De

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☐ 3. Document ID: US 20060051976 A1

L3: Entry 3 of 82 File: PGPB Mar 9, 2006

PGPUB-DOCUMENT-NUMBER: 20060051976
PGPUB-FILING-TYPE:
DOCUMENT-IDENTIFIER: US 20060051976 A1

TITLE: Nanoporous membrane reactor for miniaturized reactions and enhanced reaction kinetics

PUBLICATION-DATE: March 9, 2006

INVENTOR-INFORMATION:

| NAME | CITY | STATE | COUNTRY |
|---|---|---|---|
| Guttman; Andras | San Diego | CA | US |
| Ronai; Zsolt | Szekesfehervar | | HU |
| Barta; Csaba | Budapest | | HU |

US-CL-CURRENT: 438/778; 428/304.4

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De

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☐ 4. Document ID: US 20060035813 A1

L3: Entry 4 of 82 File: PGPB Feb 16, 2006

PGPUB-DOCUMENT-NUMBER: 20060035813
PGPUB-FILING-TYPE:
DOCUMENT-IDENTIFIER: US 20060035813 A1

TITLE: Methods and formulations comprising agonists and antagonists of nuclear hormone receptors

PUBLICATION-DATE: February 16, 2006

INVENTOR-INFORMATION:

| NAME | CITY | STATE | COUNTRY |
|---|---|---|---|
| Sternberg; Esther M. | WASHINGTON | DC | US |
| Webster; Jeannette I. | Washington | DC | US |
| Tonelli; Leonardo H. | Bethesda | MD | US |
| Leppla; Stephen H. | Bethesda | MD | US |
| Moayeri; Mahtab | Bethesda | MD | US |

US-CL-CURRENT: 514/3

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De

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☐ 5. Document ID: US 20060025713 A1

L3: Entry 5 of 82 File: PGPB Feb 2, 2006

PGPUB-DOCUMENT-NUMBER: 20060025713
PGPUB-FILING-TYPE:
DOCUMENT-IDENTIFIER: US 20060025713 A1

TITLE: Magnetic particle-based therapy

PUBLICATION-DATE: February 2, 2006

INVENTOR-INFORMATION:

| NAME | CITY | STATE | COUNTRY |
|---|---|---|---|
| Rosengart; Alex | Chicago | IL | US |
| Kaminski; Michael D. | Lockport | IL | US |

US-CL-CURRENT: 604/5.02; 424/9.1, 604/5.04

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De

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☐ 6. Document ID: US 20060009632 A1

L3: Entry 6 of 82 File: PGPB Jan 12, 2006

PGPUB-DOCUMENT-NUMBER: 20060009632
PGPUB-FILING-TYPE:
DOCUMENT-IDENTIFIER: US 20060009632 A1

TITLE: Novel 27875, 22025, 27420, 17906, 16319, 55092 and 10218 molecules and uses therefor

PUBLICATION-DATE: January 12, 2006

INVENTOR-INFORMATION:

| NAME | CITY | STATE | COUNTRY |
|---|---|---|---|
| Kapeller-Libermann; Rosana | Chestnut Hill | MA | US |
| White; David | Braintree | MA | US |
| Robison; Keith E. | Wilmington | MA | US |
| MacBeth; Kyle J. | Boston | MA | US |
| Carroll; Joseph M. | Cambridge | MA | US |
| Cook; William James | Hanover | NH | US |
| Meyers; Rachel E. | Newton | MA | US |
| Chun; Miyoung | Belmont | MA | US |
| Williamson; Mark J. | Saugus | MA | US |

US-CL-CURRENT: 536/23.2

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De

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☐ 7. Document ID: US 20050119197 A1

L3: Entry 7 of 82 File: PGPB Jun 2, 2005

PGPUB-DOCUMENT-NUMBER: 20050119197
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20050119197 A1

TITLE: Naadp analogues for modulating t-cell activity

PUBLICATION-DATE: June 2, 2005

INVENTOR-INFORMATION:

| NAME | CITY | STATE | COUNTRY |
|---|---|---|---|
| Potter, Barry V. L. | Bath | | GB |
| Guse, Andreas H. | Hamburg | | DE |
| Mayr, Georg W. | Pinneberg | | DE |
| Berg, Ingeborg | Ahrensburg | | DE |

US-CL-CURRENT: 514/43

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De

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☐ 8. Document ID: US 20050037418 A1

L3: Entry 8 of 82 File: PGPB Feb 17, 2005

PGPUB-DOCUMENT-NUMBER: 20050037418
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20050037418 A1

TITLE: Method and apparatus for assaying a drug candidate to estimate a pharmacokinetic parameter associated therewith

PUBLICATION-DATE: February 17, 2005

INVENTOR-INFORMATION:

| NAME | CITY | STATE | COUNTRY |
|---|---|---|---|
| Hamalainen, Markku | Uppsala | | SE |
| Karlsson, Robert | Uppsala | | SE |
| Lofas, Stefan | Uppsala | | SE |

US-CL-CURRENT: 435/6; 435/7.1, 702/19

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De

☐ 9. Document ID: US 20050031549 A1

L3: Entry 9 of 82 File: PGPB Feb 10, 2005

PGPUB-DOCUMENT-NUMBER: 20050031549
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20050031549 A1

TITLE: Compositions and methods for enhanced mucosal delivery of growth hormone

PUBLICATION-DATE: February 10, 2005

INVENTOR-INFORMATION:

| NAME | CITY | STATE | COUNTRY |
|---|---|---|---|
| Quay, Steven C. | Edmonds | WA | US |
| de Meireles, Jorge C. | Syosset | NY | US |
| Gupta, Malini | Dix Hills | NY | US |
| Vangala, Shyam | Dayton | OH | US |

US-CL-CURRENT: 424/46; 514/12

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De

☐ 10. Document ID: US 20050026863 A1

L3: Entry 10 of 82 File: PGPB Feb 3, 2005

PGPUB-DOCUMENT-NUMBER: 20050026863
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20050026863 A1

TITLE: Delivery of therapeutic gene products by intestinal cell expression

PUBLICATION-DATE: February 3, 2005

INVENTOR-INFORMATION:

| NAME | CITY | STATE | COUNTRY |
|---|---|---|---|
| German, Michael | San Francisco | CA | US |
| Goldfine, Ira D. | Kentfield | CA | US |
| Rothman, Stephen S. | Berkeley | CA | US |

US-CL-CURRENT: 514/44; 435/455

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De

☐ 11. Document ID: US 20050026859 A1

L3: Entry 11 of 82 File: PGPB Feb 3, 2005

PGPUB-DOCUMENT-NUMBER: 20050026859
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20050026859 A1

TITLE: Methods and compositions of gene delivery agents for systemic and local therapy

PUBLICATION-DATE: February 3, 2005

INVENTOR-INFORMATION:

| NAME | CITY | STATE | COUNTRY |
|---|---|---|---|
| Hilfinger, John | Ann Arbor | MI | US |
| Roessler, Brake | Ann Arbor | MI | US |
| Kish, Phillip | Ann Arbor | MI | US |

US-CL-CURRENT: 514/44; 424/450, 435/458, 514/171

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De

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☐ 12. Document ID: US 20040258706 A1

L3: Entry 12 of 82 File: PGPB Dec 23, 2004

PGPUB-DOCUMENT-NUMBER: 20040258706
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20040258706 A1

TITLE: Cyanovirin variant-polymer conjugates

PUBLICATION-DATE: December 23, 2004

INVENTOR-INFORMATION:

| NAME | CITY | STATE | COUNTRY |
|---|---|---|---|
| Snell, M. Elizabeth | Ardmore | AL | US |
| Roberts, Michael J. | Williamsburg | VA | US |
| Mori, Toshiyuki | Germantown | MD | US |
| O'Keefe, Barry R. | Frederick | MD | US |
| Boyd, Michael R. | Mobile | AL | US |

US-CL-CURRENT: 424/186.1; 530/400

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De

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☐ 13. Document ID: US 20040258663 A1

L3: Entry 13 of 82 File: PGPB Dec 23, 2004

PGPUB-DOCUMENT-NUMBER: 20040258663
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20040258663 A1

TITLE: Compositions and methods for enhanced mucosal delivery of interferon alpha

PUBLICATION-DATE: December 23, 2004

INVENTOR-INFORMATION:

| NAME | CITY | STATE | COUNTRY |
|---|---|---|---|
| Quay, Steven C. | Edmonds | WA | US |
| El-Shafy, Mohammed Abd | Hauppauge | NY | US |

US-CL-CURRENT: 424/85.7

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De

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☐ 14. Document ID: US 20040230380 A1

L3: Entry 14 of 82 File: PGPB Nov 18, 2004

PGPUB-DOCUMENT-NUMBER: 20040230380
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20040230380 A1

TITLE: Novel proteins with altered immunogenicity

PUBLICATION-DATE: November 18, 2004

INVENTOR-INFORMATION:

| NAME | CITY | STATE | COUNTRY |
|---|---|---|---|
| Chirino, Arthur J. | Camarillo | CA | US |
| Dahiyat, Bassil I. | Altadena | CA | US |
| Desjarlais, John Rudolph | Pasadena | CA | US |
| Marshall, Shannon Alicia | San Francisco | CA | US |

US-CL-CURRENT: 702/19

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De

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☐ 15. Document ID: US 20040229363 A1

L3: Entry 15 of 82 File: PGPB Nov 18, 2004

PGPUB-DOCUMENT-NUMBER: 20040229363
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20040229363 A1

TITLE: High efficiency transfection based on low electric field strength, long pulse length

PUBLICATION-DATE: November 18, 2004

INVENTOR-INFORMATION:

| NAME | CITY | STATE | COUNTRY |
|---|---|---|---|
| Nolan, Ed | San Diego | CA | US |
| Filshie, Robin | Toronto | | CA |

US-CL-CURRENT: 435/459

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De

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☐ 16. Document ID: US 20040197413 A1

L3: Entry 16 of 82 File: PGPB Oct 7, 2004

PGPUB-DOCUMENT-NUMBER: 20040197413
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20040197413 A1

TITLE: Spray dry coacervation systems and methods

PUBLICATION-DATE: October 7, 2004

INVENTOR-INFORMATION:

| NAME | CITY | STATE | COUNTRY |
|---|---|---|---|
| Sheu, Eric Y. | Lafayette | CA | US |
| Liu, Yadong | Fremont | CA | US |
| Niedzinski, Edmund J. | Vacaville | CA | US |

US-CL-CURRENT: 424/489; 264/5

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De

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☐ 17. Document ID: US 20040127448 A1

L3: Entry 17 of 82 File: PGPB Jul 1, 2004

PGPUB-DOCUMENT-NUMBER: 20040127448
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20040127448 A1

TITLE: Delivery of polypeptides by secretory gland expression

PUBLICATION-DATE: July 1, 2004

INVENTOR-INFORMATION:

| NAME | CITY | STATE | COUNTRY |
|---|---|---|---|
| German, Michael S. | Dale City | CA | US |
| Goldfine, Ira D. | Kentfield | CA | US |
| Rothman, Stephen S. | Berkeley | CA | US |

US-CL-CURRENT: 514/44; 424/93.2, 424/93.21, 514/12, 514/3

☐ 18. Document ID: US 20040115254 A1

L3: Entry 18 of 82 File: PGPB Jun 17, 2004

PGPUB-DOCUMENT-NUMBER: 20040115254
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20040115254 A1

TITLE: Microcapsules and methods of use

PUBLICATION-DATE: June 17, 2004

INVENTOR-INFORMATION:

| NAME | CITY | STATE | COUNTRY |
|---|---|---|---|
| Niedzinski, Edmund J. | Vacaville | CA | US |
| Chen, Yen-Ju | Alameda | CA | US |
| Liu, Yadong | Fremont | CA | US |
| Sheu, Eric | Lafayette | CA | US |
| Tucker, Sean | San Francisco | CA | US |

US-CL-CURRENT: 424/450; 514/44



☐ 19. Document ID: US 20040115135 A1

L3: Entry 19 of 82 File: PGPB Jun 17, 2004

PGPUB-DOCUMENT-NUMBER: 20040115135
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20040115135 A1

TITLE: Compositions and methods for enhanced mucosal delivery of peptide YY and methods for treating and preventing obesity

PUBLICATION-DATE: June 17, 2004

INVENTOR-INFORMATION:

| NAME | CITY | STATE | COUNTRY |
|---|---|---|---|
| Quay, Steven C. | Edmonds | WA | US |

US-CL-CURRENT: 424/46; 514/12



☐ 20. Document ID: US 20040092473 A1

L3: Entry 20 of 82 File: PGPB May 13, 2004

PGPUB-DOCUMENT-NUMBER: 20040092473
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20040092473 A1

TITLE: Method for nucleic acid transfection of cells

PUBLICATION-DATE: May 13, 2004

INVENTOR-INFORMATION:

| NAME | CITY | STATE | COUNTRY |
|---|---|---|---|
| Bennett, Michael J. | El Sobrante | CA | US |
| Rothman, Stephan S. | Berkeley | CA | US |
| Nantz, Michael H. | Davis | CA | US |

US-CL-CURRENT: 514/44

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWMC | Draw De

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21. Document ID: US 20040077540 A1

L3: Entry 21 of 82 File: PGPB Apr 22, 2004

PGPUB-DOCUMENT-NUMBER: 20040077540
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20040077540 A1

TITLE: Compositions and methods for modulating physiology of epithelial junctional adhesion molecules for enhanced mucosal delivery of therapeutic compounds

PUBLICATION-DATE: April 22, 2004

INVENTOR-INFORMATION:

| NAME | CITY | STATE | COUNTRY |
|---|---|---|---|
| Quay, Steven C. | Edmonds | WA | US |

US-CL-CURRENT: 514/12

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWMC | Draw De

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22. Document ID: US 20040028613 A1

L3: Entry 22 of 82 File: PGPB Feb 12, 2004

PGPUB-DOCUMENT-NUMBER: 20040028613
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20040028613 A1

TITLE: Dopamine agonist formulations for enhanced central nervous system delivery

PUBLICATION-DATE: February 12, 2004

INVENTOR-INFORMATION:

| NAME | CITY | STATE | COUNTRY |
|---|---|---|---|
| Quay, Steven C. | Edmonds | WA | US |

US-CL-CURRENT: 424/45; 514/295

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De

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23. Document ID: US 20040006016 A1

L3: Entry 23 of 82 File: PGPB Jan 8, 2004

PGPUB-DOCUMENT-NUMBER: 20040006016
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20040006016 A1

TITLE: Novel 27875, 22025 ,27420, 17906, 16319, 55092 and 10218 molecules and uses therefor

PUBLICATION-DATE: January 8, 2004

INVENTOR-INFORMATION:

| NAME | CITY | STATE | COUNTRY |
|---|---|---|---|
| Kapeller-Libermann, Rosana | Chestnut Hill | MA | US |
| White, David | Braintree | MA | US |
| Robison, Keith E. | Wilmington | MA | US |
| MacBeth, Kyle J. | Boston | MA | US |
| Carroll, Joseph M. | Cambridge | MA | US |
| Cook, William James | Hanover | NH | US |
| Meyers, Rachel E. | Newton | MA | US |
| Chun, Miyoung | Belmont | MA | US |
| Williamson, Mark J. | Saugus | MA | US |

US-CL-CURRENT: 514/12; 435/183, 435/320.1, 435/325, 435/6, 435/69.1, 530/350, 536/23.2

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De

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24. Document ID: US 20030235889 A1

L3: Entry 24 of 82 File: PGPB Dec 25, 2003

PGPUB-DOCUMENT-NUMBER: 20030235889
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030235889 A1

TITLE: Materials and methods involving conditional retention domains

PUBLICATION-DATE: December 25, 2003

INVENTOR-INFORMATION:

| NAME | CITY | STATE | COUNTRY |
|---|---|---|---|
| Rivera, Victor | Arlington | MA | US |
| Clackson, Timothy P. | Arlington | MA | US |
| Rothman, James E. | New York | NY | US |

US-CL-CURRENT: 435/69.7; 435/320.1, 435/325, 435/326, 530/303, 530/387.1, 530/399

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De

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25. Document ID: US 20030235873 A1

L3: Entry 25 of 82 File: PGPB Dec 25, 2003

PGPUB-DOCUMENT-NUMBER: 20030235873
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030235873 A1

TITLE: Process for detecting enzyme activity in an immunoassay

PUBLICATION-DATE: December 25, 2003

INVENTOR-INFORMATION:

| NAME | CITY | STATE | COUNTRY |
|---|---|---|---|
| Krmer, Joachim | Hamburg | | US |
| Mander, Thomas | Halstenbeck | | DE |
| Peiker, Christiane | Erkrath | | DE |
| Henco, Karsten | | | DE |

US-CL-CURRENT: 435/7.5; 435/7.92, 530/322, 530/324

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De

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26. Document ID: US 20030198625 A1

L3: Entry 26 of 82 File: PGPB Oct 23, 2003

PGPUB-DOCUMENT-NUMBER: 20030198625
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030198625 A1

TITLE: Electroporation-mediated transfection of the salivary gland

PUBLICATION-DATE: October 23, 2003

INVENTOR-INFORMATION:

| NAME | CITY | STATE | COUNTRY |
|---|---|---|---|
| Tseng, Hsien | San Francisco | CA | US |

| | | | |
|---|---|---|---|
| Bennett, Michael J. | El Sobrante | CA | US |
| Rothman, Stephan S. | Berkeley | CA | US |

US-CL-CURRENT: 424/93.21; 435/461

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De

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☐ 27. Document ID: US 20030175925 A1

L3: Entry 27 of 82 File: PGPB Sep 18, 2003

PGPUB-DOCUMENT-NUMBER: 20030175925
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030175925 A1

TITLE: Nicotinamide ribonucleoside kinase

PUBLICATION-DATE: September 18, 2003

INVENTOR-INFORMATION:

| NAME | CITY | STATE | COUNTRY |
|---|---|---|---|
| Kurnasov, Oleg | Chicago | IL | US |
| Polanuyer, Boris | Skokie | IL | US |
| Kogan, Yakov | Chicago | IL | US |
| Osterman, Andrei | Chicago | IL | US |

US-CL-CURRENT: 435/194

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De

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☐ 28. Document ID: US 20030171280 A1

L3: Entry 28 of 82 File: PGPB Sep 11, 2003

PGPUB-DOCUMENT-NUMBER: 20030171280
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030171280 A1

TITLE: Compositions and methods for modulation of immune responses

PUBLICATION-DATE: September 11, 2003

INVENTOR-INFORMATION:

| NAME | CITY | STATE | COUNTRY |
|---|---|---|---|
| Soderstrom, Karl Petter | San Francisco | CA | US |

US-CL-CURRENT: 514/12; 530/327

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De

29. Document ID: US 20030135030 A1

L3: Entry 29 of 82 File: PGPB Jul 17, 2003

PGPUB-DOCUMENT-NUMBER: 20030135030
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030135030 A1

TITLE: Nanoporous membrane reactor for miniaturized reactions and enhanced reaction kinetics

PUBLICATION-DATE: July 17, 2003

INVENTOR-INFORMATION:

| NAME | CITY | STATE | COUNTRY |
|---|---|---|---|
| Guttman, Andras | San Diego | CA | US |
| Ronai, Zsolt | Szekesfehervar | | HU |
| Barta, Csaba | Budapest | | HU |

US-CL-CURRENT: 530/402

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De

30. Document ID: US 20030091543 A1

L3: Entry 30 of 82 File: PGPB May 15, 2003

PGPUB-DOCUMENT-NUMBER: 20030091543
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030091543 A1

TITLE: Therapeutic cell preparation grafts and methods of use thereof

PUBLICATION-DATE: May 15, 2003

INVENTOR-INFORMATION:

| NAME | CITY | STATE | COUNTRY |
|---|---|---|---|
| Klein, Matthew B. | Los Altos | CA | US |
| Cuono, Charles B. | Chandler | AZ | US |

US-CL-CURRENT: 424/93.21; 435/366, 435/455

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De

31. Document ID: US 20030078226 A1

L3: Entry 31 of 82 File: PGPB Apr 24, 2003

PGPUB-DOCUMENT-NUMBER: 20030078226
PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030078226 A1

TITLE: Delivery of polypeptides by secretory gland expression

PUBLICATION-DATE: April 24, 2003

INVENTOR-INFORMATION:

| NAME | CITY | STATE | COUNTRY |
|---|---|---|---|
| German, Michael S. | Daly City | CA | US |
| Goldfine, Ira D. | Kentfield | CA | US |
| Rothman, Stephen S. | Berkeley | CA | US |

US-CL-CURRENT: 514/44; 435/455

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De

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☐ 32. Document ID: US 20030059889 A1

L3: Entry 32 of 82 File: PGPB Mar 27, 2003

PGPUB-DOCUMENT-NUMBER: 20030059889
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030059889 A1

TITLE: Tumor necrosis factor receptor related protein-1 gene and protein

PUBLICATION-DATE: March 27, 2003

INVENTOR-INFORMATION:

| NAME | CITY | STATE | COUNTRY |
|---|---|---|---|
| Bodian, Dale Lesley | Whippany | NJ | US |
| Labow, Mark Aron | Westfield | NJ | US |
| Mickanin, Craig Stephen | Basking Ridge | NJ | US |

US-CL-CURRENT: 435/69.1; 435/320.1, 435/325, 435/6, 530/350, 536/23.5

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De

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☐ 33. Document ID: US 20030044908 A1

L3: Entry 33 of 82 File: PGPB Mar 6, 2003

PGPUB-DOCUMENT-NUMBER: 20030044908
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030044908 A1

TITLE: Coagulation factor VII derivatives

PUBLICATION-DATE: March 6, 2003

INVENTOR-INFORMATION:

| NAME | CITY | STATE | COUNTRY |
|---|---|---|---|
| Persson, Egon | Akarp | | SE |

US-CL-CURRENT: 435/69.1; 435/320.1, 435/325, 530/384, 536/23.5

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De

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☐ 34. Document ID: US 20030027998 A1

L3: Entry 34 of 82 File: PGPB Feb 6, 2003

PGPUB-DOCUMENT-NUMBER: 20030027998
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030027998 A1

TITLE: Novel genes encoding proteins having prognostic, diagnostic, preventive, therapeutic, and other uses

PUBLICATION-DATE: February 6, 2003

INVENTOR-INFORMATION:

| NAME | CITY | STATE | COUNTRY |
|---|---|---|---|
| Holtzman, Douglas A. | Jamaica Plain | MA | US |
| Barnes, Thomas M. | Brookline | MA | US |

US-CL-CURRENT: 536/23.1

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De

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☐ 35. Document ID: US 20020193337 A1

L3: Entry 35 of 82 File: PGPB Dec 19, 2002

PGPUB-DOCUMENT-NUMBER: 20020193337
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020193337 A1

TITLE: Gene therapy by secretory gland expression

PUBLICATION-DATE: December 19, 2002

INVENTOR-INFORMATION:

| NAME | CITY | STATE | COUNTRY |
|---|---|---|---|
| German, Michael | San Francisco | CA | US |
| Goldfine, Ira D. | Kentfield | CA | US |
| Rothman, Stephen S. | Berkeley | CA | US |

US-CL-CURRENT: 514/44; 424/93.21

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De

☐ 36. Document ID: US 20020160499 A1

L3: Entry 36 of 82 File: PGPB Oct 31, 2002

PGPUB-DOCUMENT-NUMBER: 20020160499
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020160499 A1

TITLE: Human serine carboxypeptidase

PUBLICATION-DATE: October 31, 2002

INVENTOR-INFORMATION:

| NAME | CITY | STATE | COUNTRY |
|---|---|---|---|
| Bandman, Olga | Mountain View | CA | US |
| Hawkins, Phillip R. | Mountain View | CA | US |
| Hillman, Jennifer L. | Mountain View | CA | US |
| Lal, Preeti | Sunnyvale | CA | US |
| Goli, Surya K. | Sunnyvale | CA | US |

US-CL-CURRENT: 435/226; 435/320.1, 435/325, 435/69.1, 536/23.2

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De

☐ 37. Document ID: US 20020156264 A1

L3: Entry 37 of 82 File: PGPB Oct 24, 2002

PGPUB-DOCUMENT-NUMBER: 20020156264
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020156264 A1

TITLE: 22012, a novel human carboxypeptidase

PUBLICATION-DATE: October 24, 2002

INVENTOR-INFORMATION:

| NAME | CITY | STATE | COUNTRY |
|---|---|---|---|
| Kapeller-Libermann, Rosana | Chestnut Hill | MA | US |
| MacBeth, Kyle J. | Boston | MA | US |
| Williamson, Mark | Saugus | MA | US |

US-CL-CURRENT: 536/23.2; 435/226, 435/320.1, 435/325, 435/69.1

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De

☐ 38. Document ID: US 20020155100 A1

L3: Entry 38 of 82 File: PGPB Oct 24, 2002

PGPUB-DOCUMENT-NUMBER: 20020155100
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020155100 A1

TITLE: Compositions and methods for regulated protein expression in gut

PUBLICATION-DATE: October 24, 2002

INVENTOR-INFORMATION:

| NAME | CITY | STATE | COUNTRY |
|---|---|---|---|
| Kieffer, Timothy J. | Edmonton | | CA |
| Cheung, Anthony T. | Edmonton | | CA |

US-CL-CURRENT: 424/93.21; 435/366, 435/455, 435/69.1, 435/69.4

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De

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☐ 39. Document ID: US 20020146831 A1

L3: Entry 39 of 82 File: PGPB Oct 10, 2002

PGPUB-DOCUMENT-NUMBER: 20020146831
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020146831 A1

TITLE: High efficiency transfection based on low electric field strength, long pulse length

PUBLICATION-DATE: October 10, 2002

INVENTOR-INFORMATION:

| NAME | CITY | STATE | COUNTRY |
|---|---|---|---|
| Nolan, Ed | San Diego | CA | US |
| Filshie, Robin | Toronto | | CA |

US-CL-CURRENT: 435/461; 435/325

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De

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☐ 40. Document ID: US 20020086302 A1

L3: Entry 40 of 82 File: PGPB Jul 4, 2002

PGPUB-DOCUMENT-NUMBER: 20020086302
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020086302 A1

TITLE: Treatment methods using 17906 and uses therefor

PUBLICATION-DATE: July 4, 2002

INVENTOR-INFORMATION:

| NAME | CITY | STATE | COUNTRY |
|---|---|---|---|
| White, David | Braintree | ME | US |
| MacBeth, Kyle | Boston | MA | US |

US-CL-CURRENT: 435/6; 435/226, 435/320.1, 435/325, 435/69.1, 536/23.2

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De

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☐ 41. Document ID: US 20020039574 A1

L3: Entry 41 of 82 File: PGPB Apr 4, 2002

PGPUB-DOCUMENT-NUMBER: 20020039574
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020039574 A1

TITLE: Delivery of therapeutic gene products by intestinal cell expression

PUBLICATION-DATE: April 4, 2002

INVENTOR-INFORMATION:

| NAME | CITY | STATE | COUNTRY |
|---|---|---|---|
| German, Michael | San Francisco | CA | US |
| Goldfine, Ira D. | Kentfield | CA | US |
| Rothman, Stephen S. | Berkeley | CA | US |

US-CL-CURRENT: 424/93.21; 514/44

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De

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☐ 42. Document ID: US 20020023281 A1

L3: Entry 42 of 82 File: PGPB Feb 21, 2002

PGPUB-DOCUMENT-NUMBER: 20020023281
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020023281 A1

TITLE: Expressed sequences of arabidopsis thaliana

PUBLICATION-DATE: February 21, 2002

INVENTOR-INFORMATION:

| NAME | CITY | STATE | COUNTRY |
|---|---|---|---|
| Gorlach, Jorn | Durham | NC | US |

| | | | |
|---|---|---|---|
| An, Yong-Qiang | San Diego | CA | US |
| Hamilton, Carol M. | Apex | NC | US |
| Price, Jennifer L. | Raleigh | NC | US |
| Raines, Tracy M. | Durham | NC | US |
| Yu, Yang | Martinsville | NJ | US |
| Rameaka, Joshua G. | Durham | NC | US |
| Page, Amy | Durham | NC | US |
| Mathew, Abraham V. | Cary | NC | US |
| Ledford, Brooke L. | Holly Springs | NC | US |
| Woessner, Jeffrey P. | Hillsborough | NC | US |
| Haas, William David | Durham | NC | US |
| Garcia, Carlos A. | Carrboro | NC | US |
| Kricker, Maja | Pittsboro | NC | US |
| Slater, Ted | Apex | NC | US |
| Davis, Keith R. | Durham | NC | US |
| Allen, Keith | Cary | NC | US |
| Hoffman, Neil | Chapel Hill | NC | US |
| Hurban, Patrick | Raleigh | NC | US |

US-CL-CURRENT: 800/288; 435/4, 536/23.2, 536/23.6

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De

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☐ 43. Document ID: US 20020019019 A1

L3: Entry 43 of 82 File: PGPB Feb 14, 2002

PGPUB-DOCUMENT-NUMBER: 20020019019
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020019019 A1

TITLE: Method and apparatus for assaying a drug candidate to estimate a pharmacokinetic parameter associated therewith

PUBLICATION-DATE: February 14, 2002

INVENTOR-INFORMATION:

| NAME | CITY | STATE | COUNTRY |
|---|---|---|---|
| Hamalainen, Markku | Uppsala | | SE |
| Karlsson, Robert | Uppsala | | SE |
| Lofas, Stefan | Uppsala | | SE |

US-CL-CURRENT: 435/7.92; 435/287.2, 702/19

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De

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☐ 44. Document ID: US 20010051610 A1

L3: Entry 44 of 82 File: PGPB Dec 13, 2001

PGPUB-DOCUMENT-NUMBER: 20010051610
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20010051610 A1

TITLE: Method for nucleic acid transfection of cells

PUBLICATION-DATE: December 13, 2001

INVENTOR-INFORMATION:

| NAME | CITY | STATE | COUNTRY |
|---|---|---|---|
| Bennett, Michael J. | El Sobrante | CA | US |
| Rothman, Stephan S. | Berkeley | CA | US |
| Nantz, Michael H. | Davis | CA | US |

US-CL-CURRENT: 514/44

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De

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☐ 45. Document ID: US 20010036925 A1

L3: Entry 45 of 82 File: PGPB Nov 1, 2001

PGPUB-DOCUMENT-NUMBER: 20010036925
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20010036925 A1

TITLE: Gene therapy by secretory gland expression

PUBLICATION-DATE: November 1, 2001

INVENTOR-INFORMATION:

| NAME | CITY | STATE | COUNTRY |
|---|---|---|---|
| German, Michael | San Francisco | CA | US |
| Goldfine, Ira D. | Kentfield | CA | US |
| Rothman, Stephen S. | Berkeley | CA | US |

US-CL-CURRENT: 514/44; 435/366

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De

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☐ 46. Document ID: US 7098015 B2

L3: Entry 46 of 82 File: USPT Aug 29, 2006

US-PAT-NO: 7098015
DOCUMENT-IDENTIFIER: US 7098015 B2

TITLE: 27875, 22025, 27420, 17906, 16319, 55092 and 10218 molecules and uses

therefor

PRIOR-PUBLICATION:

| DOC-ID | DATE |
|---|---|
| US 20040006016 A1 | January 8, 2004 |

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De

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47. Document ID: US 6998251 B2

L3: Entry 47 of 82 File: USPT Feb 14, 2006

US-PAT-NO: 6998251
DOCUMENT-IDENTIFIER: US 6998251 B2

TITLE: Nanoporous membrane reactor for miniaturized reactions and enhanced reaction kinetics

PRIOR-PUBLICATION:

| DOC-ID | DATE |
|---|---|
| US 20030135030 A1 | July 17, 2003 |

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De

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48. Document ID: US 6929796 B1

L3: Entry 48 of 82 File: USPT Aug 16, 2005

US-PAT-NO: 6929796
DOCUMENT-IDENTIFIER: US 6929796 B1
**** See image for Certificate of Correction ****

TITLE: Methods to treat undesirable immune responses

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De

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49. Document ID: US 6831070 B2

L3: Entry 49 of 82 File: USPT Dec 14, 2004

US-PAT-NO: 6831070
DOCUMENT-IDENTIFIER: US 6831070 B2

TITLE: Delivery of therapeutic gene products by intestinal cell expression

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De

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☐ 50. Document ID: US 6808938 B2

L3: Entry 50 of 82 File: USPT Oct 26, 2004

US-PAT-NO: 6808938
DOCUMENT-IDENTIFIER: US 6808938 B2
**** See image for Certificate of Correction ****

TITLE: Method and apparatus for assaying a drug candidate to estimate a pharmacokinetic parameter associated therewith

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWMC | Draw De

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| Term | Documents |
|---|---|
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| PROTEINS | 297482 |
| (2 SAME PROTEIN).PGPB,USPT,USOC,EPAB,JPAB,DWPI. | 82 |
| (L2 SAME PROTEIN ).PGPB,USPT,USOC,EPAB,JPAB,DWPI. | 82 |

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